



PATENT
Attorney Docket No. CTX-064
(1545/113)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Hayton et al.
SERIAL NO.: 09/846,896 GROUP NO.: 2152
FILING DATE: May 1, 2001 EXAMINER: Not Yet Assigned
TITLE: Methods and Apparatus for Communicating Changes Between a User Interface and an Executing Application Using Property Paths

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed. Please also note that application S/N 09/846,884 was filed on the same day with the same specification as the above-identified application.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**

- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or
- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

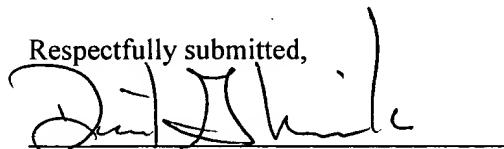
STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: February 27, 2002
Reg. No. 42,898

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Respectfully submitted,

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PATENT
Attorney Docket No. CTX-064

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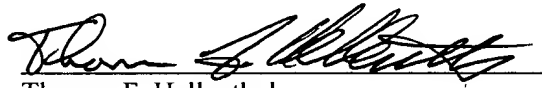
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CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 27 day of February, 2002.


Thomas F. Hellenthal

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith is/are:

1. Transmittal Form (1 page);
2. Information Disclosure Statement (2 pages);
3. Form PTO 1449 (4 pages);
4. Copies of references A1-A61, B1-B3 and C1-C10;
5. Certificate of First Class Mailing Under 37 C.F.R. 1.8; and
6. Return receipt postcard.



TRANSMITTAL FORM

| | |
|-----------------------------|--------------------|
| Application Serial Number | 09/846,898 |
| Filing Date | May 1, 2001 |
| First Named Inventor | Hayton |
| Group Art Unit | 2152 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket No. | CTX-064 (1545/113) |
| BATCH NO. (after allowance) | Not applicable |
| Patent No. | Not applicable |
| Issue Date | Not applicable |

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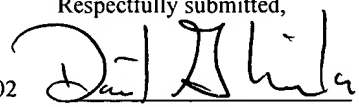
ENCLOSURES (check all that apply)

| | | |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences |
| <input type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____] | <input type="checkbox"/> Formal Drawing(s) | <input type="checkbox"/> Appeal Brief (in triplicate) |
| <input type="checkbox"/> Petition for Extension of Time | <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal | <input type="checkbox"/> Status Inquiry |
| <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations A1-A61, B1-B3 and C1-C10 | <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) | <input checked="" type="checkbox"/> Return Receipt Postcard |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 |
| <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application | <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 |
| | <input type="checkbox"/> Small Entity Statement | <input type="checkbox"/> Additional Enclosure(s) (please identify below) |
| | <input type="checkbox"/> CD(s) for large table or computer program | |
| | <input type="checkbox"/> Amendment After Allowance | |
| | <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate) | |

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| FORM PTO - 1449 | | | | ATTORNEY DOCKET NO.: CTX-064 (1545/113) | | | |
|---|-----|--------------------|----------|--|-------|--------------|-------------------------------|
| INFORMATION DISCLOSURE STATEMENT | | | | APPLICANTS: Hayton et al. | | | |
| | | | | SERIAL NO.: 09/846,896 | | | |
| | | | | FILING DATE: May 1, 2001 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAM. INIT. | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| | A1 | 5,057,996 | 10/15/91 | Cutler et al. | | | 06/29/89 |
| | A2 | 5,129,084 | 07/07/92 | Kelly, Jr. et al. | | | 06/29/89 |
| | A3 | 5,142,679 | 08/25/92 | Owaki et al. | | | 07/12/89 |
| | A4 | 5,291,587 | 03/01/94 | Kodosky et al. | | | 11/19/92 |
| | A5 | 5,297,279 | 03/22/94 | Bannon et al. | | | 05/30/90 |
| | A6 | 5,297,283 | 05/22/94 | Kelly, Jr. et al. | | | 10/16/92 |
| | A7 | 5,321,841 | 06/14/94 | East et al. | | | 01/29/93 |
| | A8 | 5,325,533 | 06/28/94 | McInerney et al. | | | 06/28/93 |
| | A9 | 5,327,562 | 07/5/94 | Adcock | | | 05/06/92 |
| | A10 | 5,339,430 | 08/16/94 | Lundin et al. | | | 07/01/92 |
| | A11 | 5,341,477 | 08/23/94 | Pitkin et al. | | | 08/06/93 |
| | A12 | 5,341,478 | 08/23/94 | Travis, Jr. et al. | | | 11/03/93 |
| | A13 | 5,367,633 | 11/22/94 | Matheny et al. | | | 01/11/94 |
| | A14 | 5,369,766 | 11/29/94 | Nakano et al. | | | 03/25/93 |
| | A15 | 5,371,891 | 12/06/94 | Gray et al. | | | 04/09/92 |
| | A16 | 5,386,558 | 01/31/95 | Maudlin et al. | | | 01/31/95 |
| | A17 | 5,418,964 | 05/23/95 | Conner et al. | | | 08/31/94 |
| | A18 | 5,423,041 | 06/06/95 | Burke et al. | | | 09/28/90 |
| | A19 | 5,437,025 | 07/25/95 | Bale et al. | | | 01/26/93 |
| | A20 | 5,485,617 | 01/16/96 | Stutz et al. | | | 12/13/93 |
| | A21 | 5,499,343 | 03/12/96 | Pettus | | | 12/17/93 |
| | A22 | 5,511,197 | 04/23/96 | Hill et al. | | | 11/29/93 |
| | A23 | 5,515,536 | 05/07/96 | Corbet et al. | | | 11/13/92 |
| | A24 | 5,517,617 | 05/14/96 | Sathaye et al. | | | 06/29/94 |
| | A25 | 5,519,867 | 05/21/96 | Moeller et al. | | | 07/19/93 |

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| EXAMINER | DATE CONSIDERED |
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FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: CTX-064 (1545719)

APPLICANTS: Hayton et al.

SERIAL NO.: 09/846,896

FILING DATE: May 1, 2001

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U.S. PATENT DOCUMENTS

| EXAM. INIT. | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|----------------|-----|--------------------|----------|-------------------|-------|--------------|-------------------------------|
| | A26 | 5,530,852 | 06/25/96 | Meske, Jr. et al. | | | 12/20/94 |
| | A27 | 5,537,546 | 07/16/96 | Sauter | | | 10/23/95 |
| | A28 | 5,548,723 | 08/20/96 | Pettus | | | 12/17/93 |
| | A29 | 5,548,726 | 08/20/96 | Pettus | | | 12/17/93 |
| | A30 | 5,566,302 | 10/15/96 | Khalidi et al. | | | 07/29/94 |
| | A31 | 5,572,643 | 11/05/96 | Judson | | | 10/19/95 |
| | A32 | 5,574,898 | 11/12/96 | Leblang et al. | | | 01/08/93 |
| | A33 | 5,581,765 | 12/03/96 | Munroe et al. | | | 08/03/94 |
| | A34 | 5,598,562 | 01/28/97 | Cutler et al. | | | 03/01/94 |
| | A35 | 5,619,638 | 04/08/97 | Duggan et al. | | | 02/28/94 |
| | A36 | 5,623,656 | 04/22/97 | Lyons | | | 12/15/94 |
| | A37 | 5,657,390 | 08/12/97 | Elgamal et al. | | | 08/25/95 |
| | A38 | 5,689,664 | 11/18/97 | Hapner et al. | | | 04/14/95 |
| | A39 | 5,692,183 | 11/25/97 | Narayanan et al. | | | 03/31/95 |
| | A40 | 5,701,451 | 12/23/97 | Rogers et al. | | | 06/07/95 |
| | A41 | 5,710,918 | 01/20/98 | Lagarde et al. | | | 06/07/95 |
| | A42 | 5,721,876 | 02/24/98 | Yu et al. | | | 03/30/95 |
| | A43 | 5,737,592 | 04/07/98 | Nguyen et al. | | | 06/19/95 |
| | A44 | 5,737,622 | 04/07/98 | Rogers et al. | | | 09/22/93 |
| | A45 | 5,752,031 | 03/12/98 | Cutler et al. | | | 04/24/95 |
| | A46 | 5,754,830 | 05/19/98 | Butts et al. | | | 04/01/96 |
| | A47 | 5,764,915 | 06/09/98 | Heimsoth et al. | | | 03/08/96 |
| | A48 | 5,768,505 | 06/16/98 | Gilchrist et al. | | | 12/19/95 |
| | A49 | 5,819,093 | 10/6/98 | Davidson et al. | | | 3/3/95 |
| | A50 | 5,838,906 | 11/17/98 | Doyle et al. | | | 10/17/94 |

EXAMINER

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|--|-----|-----------|----------|------------------------|--|--|----------|
| | A51 | 5,838,910 | 11/17/98 | Domenikos et al. | | | 03/14/96 |
| | A52 | 5,838,916 | 11/17/98 | Domenikos et al. | | | 3/14/97 |
| | A53 | 5,872,973 | 02/16/99 | Mitchell et al. | | | 10/26/95 |
| | A54 | 5,877,757 | 03/02/99 | Baldwin et al. | | | 05/23/97 |
| | A55 | 5,905,987 | 05/18/99 | Shutt et al. | | | 03/19/97 |
| | A56 | 5,938,733 | 08/17/99 | Heimsoth et al. | | | 03/08/96 |
| | A57 | 5,973,696 | 10/26/99 | Agranat et al. | | | 08/08/97 |
| | A58 | 5,978,848 | 11/02/99 | Maddalozzo, Jr. et al. | | | 03/14/97 |
| | A59 | 5,983,268 | 11/9/99 | Freivald et al. | | | 03/25/97 |
| | A60 | 6,012,087 | 01/04/00 | Freivald et al. | | | 03/20/98 |
| | A61 | 6,161,126 | 12/12/00 | Wies et al. | | | 02/02/99 |

FOREIGN PATENT DOCUMENTS

| EXAM. INIT. | | DOCUMENT NUMBER | DATE | COUNTRY CODE | CLASS | SUB CLASS | FILING DATE | ABSTRACT ONLY | ENGLISH LANG (Y/N) |
|----------------|----|--------------------|---------|-----------------|-------|--------------|----------------|------------------|-----------------------|
| | B1 | AU-A-53031/98 | 8/27/98 | AU | | | | | Y |
| | B2 | 0 483 576 A2 | 5/6/92 | EP | | | | | Y |
| | B3 | WO 97/18635 | 5/22/97 | PCT | | | | | Y |
| | | | | | | | | | |

OTHER ART, JOURNAL ARTICLES, ETC.

| EXAM. INIT. | OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication) | | | | | | | | |
|----------------|--|---|--|--|--|--|--|--|--|
| | C1 | Abe et al., "Distributed Cooperative Control for Sharing Applications Based on the MERMAID Multiparty and Multimedia Desktop Conferencing System," <u>NEC Research & Development</u> , Tokyo, Japan, 34(1):122-131, January 1993. | | | | | | | |
| | C2 | Cheng et al., "On The Performance Issues of Object-Based Buffering," <u>Parallel and Distributed Information Systems, International Conference</u> , IEEE, pp. 30-37, 1991. | | | | | | | |
| | C3 | Chu et al., "Creating a hypertext markup language document for an information server," <u>Behavior Research Methods, Instruments & Computers</u> , Psychonomic Society, Inc., 27(2):200-205, 1995. | | | | | | | |

OTHER ART, JOURNAL ARTICLES, ETC.

| EXAM. INIT. | OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication) | | | | | | | | |
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| | | SERIAL NO.: 09/846,896 |
| | | FILING DATE: May 1, 2001 |
| C4 | Davis, "The Xerox PARC Map Server: An Interactive Hypermedia Map Viewer," <u>Database</u> , pp. 65-67, April/May 1995. | |
| C5 | Droms, "Dynamic Host Configuration Protocol," <u>Network Working Group, Request for Comments: 1541</u> , Bucknell University, pp.1-39, October 1993. | |
| C6 | Jem, "'THIN" vs. "FAT" VISUALIZATION CLIENT," <u>Advanced Visual Systems</u> , IEEE, pp.772-788, 1998. | |
| C7 | Köppen et al., "A practical approach towards active hyperlinked documents," <u>Computer Networks and ISDN Systems</u> , Elsevier Science B.V., 30:251-258, 1998. | |
| C8 | Mitchell, "Leveraging Your Visual C++ Experience on the Internet with Thin Client Technology," <u>Microsoft Systems Journal</u> , Microsoft Corporation, pp. 1-16, December 1996. | |
| C9 | Singleton, "Wired on the Web," <u>Wired</u> , pp-77-78 and 80, 1995. | |
| C10 | Tessier, "Using JavaScript to Create Interactive Web Pages," <u>Dr. Dobb's Journal</u> , Boulder, Colorado, pp.84-97, March 1996. | |

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